

PRODUCT INFORMATION

®Vinnolit S 3157/11

Vinnolit S 3157/11 GreenVin® | Vinnolit S 3157/11 GreenVin® bio-attributed

Suspension copolymer of vinyl chloride and vinyl acetate for thermoplastic processing

Brief Description

®Vinnolit S 3157/11 is a free-flowing powder produced by suspension copolymerization of vinyl chloride and vinyl acetate.

The product contains about 11 percent vinyl acetate. It is a specialty resin for manufacturing of high-quality rigid films.

RAW MATERIAL PROPERTIES	TYPICAL VALUE*)	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	57	-	1628-2	1628-2
Reduced viscosity	80	ml/g	1628-2	1628-2
Vinyl acetate content	11	%	Vinnolit	
Apparent bulk density	0.650	g/ml	60	60
Particle size distribution: Sieve retention R				
• retained on 0.063 mm screen	≥ 60	%	4610	4610
• retained on 0.250 mm screen	≤ 1	%	4610	4610
Volatile matter	≤ 0.3	%	1269	1269

*) The values given above are **typical** test results which should be used as a guide only. They do not form the whole or part of a specification or guarantee.

Processing and Application

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®Vinnolit S 3157/11 is mainly used as blend component or main component in rigid PVC formulations.

Blends containing ®Vinnolit S 3157/11 are used to produce high quality extruded or calendared rigid film. Depending on the addition level, ®Vinnolit S 3157/11 improves the thermoforming properties as well as the printability and welding behaviour. The films are therefore easier to glue and laminate.

In other applications, such as flooring, the use of S 3157/11 can optimize and accelerate processing, therefore increase output and quality and increase filler acceptance.

Outstanding **properties** of ®Vinnolit S 3157/11 are:

- Fast fusion
- Low melt viscosity
- High melt elongation
- Good lamination properties
- Excellent printability
- High filler tolerance

The data and recommendations contained in this product information represent the current state of our knowledge and serve as a guide only to our products and their potential applications. Therefore, no warranty of specific properties of the products mentioned here in nor of their suitability or fitness for a particular purpose is implied.

The information given in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also used.

Patent or other proprietary rights of third parties must be observed. The quality of our products is warranted under the terms of our General Conditions of Sale.

Packaging, Delivery and Storage

The product is supplied in 25 kg bags as well as in bulk form.

®Vinnolit S 3157/11 should be stored dry and away from direct or indirect sources of heat. Please consult the safety data sheet for information about the safety precautions necessary for transport, storage, blending and processing.

General Information

Further processing information and recommendations can be obtained from our Technical Service department.

Vinnolit S 3157/11 GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit S 3157/11 GreenVin® bio-attributed. See GreenVin® info sheet.

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